

In the claims:

1. (currently amended) A fuel cell device, comprising a fuel cell unit including at least two fuel cells which are electrically coupled with one another in a way selected from the group consisting of a series electrical coupling, a parallel electrical coupling, and both, for conversion of chemical energy into an electrical energy; and an electronic control unit for controlling individual fuel cells of said fuel cell unit, wherein a first of said at least two fuel cells is provided with a first catalytic ~~coating~~coatings and wherein a second of said at least two fuel cells is provided with a second catalytic ~~coating~~coatings different from said first catalytic ~~coating~~coatings, and wherein said at least two fuel cells have at least different quantities of the catalytic coatings.

2. (previously presented) A fuel cell device as defined in claim 1, wherein said electronic control unit includes at least one control element for controlling material streams of individual ones of said fuel cells.

3. (previously presented) A fuel cell device as defined in claim 2, wherein said control element is arranged between two of said fuel cells.

4. (Original) A fuel cell device as defined in claim 1, wherein said control element is formed as a control valve.

5. (previously presented) A fuel cell device as defined in claim 1, wherein at least two of said fuel cells are provided with different, maximum electrical powers.

Claims 6-7 cancelled.

8. (Original) A fuel cell device as defined in claim 1; and further comprising at least one pressure generating unit for generating at least two different operational pressures.

9. (Original) A fuel cell device as defined in claim 8, wherein said pressure generating unit includes a high pressure generating element and a low pressure generating element.

10. (Original) A fuel cell device as defined in claim 1, wherein said fuel cell unit is formed so as to provide an operation for supplying current.

11. (Original) A fuel cell device as defined in claim 1, wherein said fuel cell unit is formed so as to provide an operation for supplying heat.

12. (previously presented) A vehicle, comprising a vehicle part; and a fuel cell device, said fuel cell device including a fuel cell unit having at least two fuel cells which are electrically coupled with one another in a way selected from the group consisting of a series electrical coupling, a parallel electrical coupling, and both, for conversion of chemical energy into an electrical energy; and an electronic control unit for controlling individual fuel cells of said fuel cell unit.

13. (previously presented) A method of operating of a fuel cell device, comprising the steps of providing a fuel cell unit having at least two fuel cells for conversion of the chemical energy into electrical energy; electrically coupling said at least two fuel cells by a connection selected from the group consisting of a serial electrical connection, a parallel electrical connection, and both; and controlling said fuel cell unit by an electronic control unit which controls individual ones of said fuel cells.

14. (Withdrawn) A fuel cell device, comprising a fuel cell unit including at least two fuel cells which are electrically coupled with one another in a way selected from the group consisting of a series electrical

coupling, a parallel electrical coupling, and both, for conversion of chemical energy into an electrical energy; and an electronic control unit for controlling individual fuel ~~cell elements~~cells of said fuel cell unit, said at least two fuel ~~cell elements~~cells including a first fuel cell ~~element~~ having a higher power and a second fuel cell ~~element~~ having a lower power, said first fuel cell ~~element~~ having a higher power and being operated both in a partial load region as well as in a full load region, while said second fuel cell ~~element~~ having a lower power and being operated in a fuel load region additionally.

15. (Withdrawn) A fuel cell device, comprising a fuel cell unit including at least two fuel cells which are electrically coupled with one another in a way selected from the group consisting of a series electrical coupling, a parallel electrical coupling, and both, for conversion of chemical energy into an electrical energy; and an electronic control unit for controlling individual fuel cells of said fuel cell unit, said fuel cell unit being formed so as to provide an operation for supplying heat so that in a case of an increased heat consumption said electronic control unit controls a smallest possible fuel cell to produce electrical power.

16. (Withdrawn) A fuel cell device, comprising a fuel cell unit including at least two fuel cells which are electrically coupled with one another in a way selected from the group consisting of a series electrical

coupling, a parallel electrical coupling, and both, for conversion of chemical energy into an electrical energy; and an electronic control unit for controlling individual fuel cells of said fuel cell unit, and at least one pressure generating unit for generating at least two different operational pressures, wherein said pressure generating unit includes a high pressure generating element and a low pressure generating element that generate pressure to a same fluid.

17. (new) A fuel cell device, comprising a fuel cell unit including at least two fuel cells which are electrically coupled with one another in a way selected from the group consisting of a series electrical coupling, a parallel electrical coupling, and both, for conversion of chemical energy into an electrical energy; and an electronic control unit for controlling individual fuel cells of said fuel cell unit, wherein a first of said at least two fuel cells is provided with first catalytic coatings and wherein second of said at least two fuel cells is provided with a second catalytic coatings different from said first catalytic coatings, and wherein said at least two fuel cells have at least different quantities of the catalytic coatings adapted to different loads or operational conditions, so that one of said at least two fuel cells which is operated relatively frequently is provided with a greater quantity of the catalytic coatings, while the other of said at least two fuel cells which is operated relatively seldom is provided with a smaller quantity of the catalytic coatings.